

Title (en)

Aryl substituted azabenzimidazoles and their use in the treatment of HIV and AIDS related diseases

Title (de)

Arylsubstituierte Azabenzimidazole und ihre Verwendung bei der Behandlung von HIV und AIDS-verwandten Erkrankungen

Title (fr)

Azabenzimidazoles ayant des substituants aryles et leur utilisation pour le traitement de VIH et de maladies relatives au SIDA

Publication

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Application

EP 01300599 A 20010124

Priority

US 17792000 P 20000125

Abstract (en)

[origin: US6242461B1] This invention relates to novel aryl substituted azabenzimidazoles of Formula (I) and pharmaceutically acceptable salts thereof or a pharmaceutically acceptable salt thereof wherein n is an integer from 1 to 4X is CH or N; R₁ is H, (C1-C6)alkyl or (C1-C6) alkoxy; R₂ is H, (C1-C6)alkyl or (C1-C6) alkoxy; each R₃ is independently selected from H, (C1-C6)alkyl (C1-C6) alkyloxy, (C1-C6) alkylthio, halo, nitro, cyano, ethynyl, hydroxy and trifluoromethyl; R₄ is H, (C1-C6)alkyl or (C1-C6) alkoxy; R₅ is H, (C1-C6)alkyl or (C1-C6) alkyloxy, trifluoromethyl; and W is N or C; Y is N (R₄), N, S or OZ is R₄, NR₄H, O, or OH; Provided that when Y=NR₄, W=C, Z=O, there is a single bond between YW and a double bond between WZ; and when Y=O or S, W=C, Z=O, there is a single bond between YW and a double bond between WZ; and when Y=N, W=N, there is a double bond between YW and Z does not exist. when Y=N, W=C, Z=R₄ or NHR₄, there is a double bond between YW and a single bond between WZ; The methods of preparing these compounds and their use in the treatment of HIV, AIDS, and AIDS related diseases and in slowing the progression of HIV infection into AIDS is also disclosed.

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Citation (search report)

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